

Converting Colors

YUV(72.7450, 13.9297, 58.9826)

Have a look what the booklet for
YUV(72.7450, 13.9297, 58.9826)
contains.

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Color

**YUV(72.7450, 13.9297,
58.9826)**

Conversions

Conversions Part 1

Format	Color
Hex	8C2165
RGB	140, 33, 101
RGB Percent	55%, 13%, 40%
CMY	0.4510, 0.8706, 0.6039
CMYK	0.00, 0.76, 0.28, 0.45
HSL	322°, 62%, 34%
HSV	322°, 76%, 55%
XYZ	13.7080, 7.6027, 13.0569
YIQ	72.7450, 41.9440, 43.8320

Conversions

Conversions Part 2

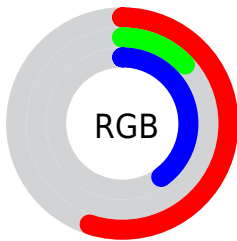
Format	Color
R_{YB}	140, 33, 101
Decimal	9183589
CIE _{Lab}	33.14, 50.39, -13.90
CIE _{LCh}	33, 52.275, 344.581
Yxy	7.6027, 0.3989, 0.2212
Android (android.graphics.Color)	4287373669 (0xFF8C2165)
YUV	72.7450, 13.9297, 58.9826
Hunter-Lab	27.5731, 40.4889, -8.7749

Details

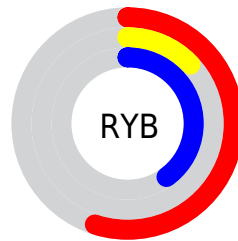
The YUV color **72.7450, 13.9297, 58.9826** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **100.2550, -13.9297, -58.9826**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4740, 11.5983, 60.0973**, and **31.8700, 10.9101, 47.4720** is the 20% darker color. If you saturate the color by 10%, you get **63.9570, 15.7972, 66.6897**, and if you desaturate by 10%, it is **81.5330, 12.0622, 51.2756**.

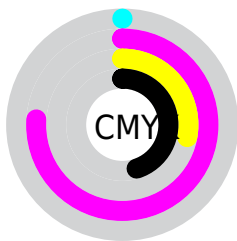
Distribution



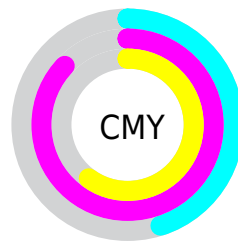
- Red (55%)
- Green (13%)
- Blue (40%)



- Red (55%)
- Yellow (13%)
- Blue (40%)



- Cyan (0%)
- Magenta (76%)
- Yellow (28%)
- Black (45%)



- Cyan (45%)
- Magenta (87%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.7450, 13.9297, 58.9826 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 72.7450, 13.9297, 58.9826 by changing the saturation by 10% instead.

72.7450, 13.9297,
58.9826

72.7450, 13.9297,
58.9826

255.0000, 0.0000,
0.0000

42.2660, 17.1239,
61.1567

128.4740, 11.5983,
60.0973

31.8700, 10.9101,
47.4720

155.4850, 11.5929,
61.8417

21.7020, 5.5699,
33.5873

183.6700, 11.0087,
62.5564

10.8500, -2.3910,
20.3026

202.8250, 15.8623,
45.7575

0.0000, 0.0000,
0.0000

222.1280, 16.2059,
28.8287

238.5640, 8.1029,

14.4144

■ 72.7450, 13.9297,
58.9826

■ 72.7450, 13.9297,
58.9826

■ 63.9570, 15.7972,
66.6897

■ 81.5330, 12.0622,
51.2756

■ 55.1690, 17.6647,
74.3968

■ 90.3210, 10.1947,
43.5685

■ 52.0060, 18.2380,
77.1707

■ 99.1090, 8.3273,
35.8614

■ 107.8970, 6.4598,
28.1543

■ 116.7990, 5.0291,
20.3473

■ 125.5870, 3.1616,
12.6402

■ 134.3750, 1.2941,
4.9331

■ 143.1630, -0.5734,
-2.7740

■ 151.9510, -2.4408,
-10.4810

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5860, 28.3051, 21.4111



72.7450, 13.9297, 58.9826



68.1260, -4.0061, 71.8035

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7450, 13.9297, 58.9826



71.1570, -35.0804, 5.1243



71.2690, 31.9124, -62.5029

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.7450, 13.9297, 58.9826



100.2550, -13.9297, -58.9826

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.5240, 15.0247, -59.2185



72.7450, 13.9297, 58.9826



60.7930, -26.5199, -34.0215

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7450, 13.9297, 58.9826



73.7030, -36.3356, 34.4635



61.9210, -3.9051, -54.3047



70.2550, 43.2583, -61.6136

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.7450, 13.9297, 58.9826



70.2980, -18.3879, 64.6367



61.9210, -3.9051, -54.3047



69.9010, 26.6708, -61.3032

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.7450, 13.9297, 58.9826



154.6360, 5.6025, 23.1212



56.2610, 41.2833, 12.0491



75.5980, 3.1562, 14.3846



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7450, 13.9297, 58.9826



76.0170, 21.6836, 92.0701



66.8170, -8.7838, 64.1815



64.5490, 0.7153, 3.9035



49.3430, 17.0859, 73.3672



1.8370, 0.5734, 2.7740

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72.7450, 13.9297, 58.9826



76.0170, 21.6836, 92.0701



106.1830, 8.7838, -64.1815



64.5490, 0.7153, 3.9035



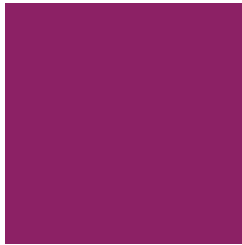
49.3430, 17.0859, 73.3672



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 72.7450, 13.9297, 58.9826 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

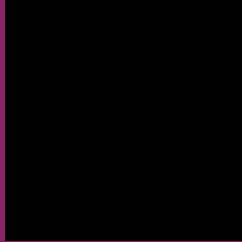
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 72.7450, 13.9297, 58.9826

Background



This preview shows how black text looks on a background with the YUV color 72.7450, 13.9297, 58.9826.



This preview shows how white text looks on a background with the YUV color 72.7450, 13.9297,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.7450, 13.9297, 58.9826

Protanopia

77.5070, 27.8510, -19.7386

Deuteranopia

80.2370, 7.2782, -1.0848



Tritanopia

75.3550, -11.5140, 53.1857

Trichromacy



Original Color

72.7450, 13.9297, 58.9826

Protanomaly

76.0160, 22.6701, 8.7560

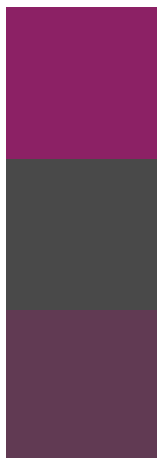
Deuteranomaly

77.6510, 9.5391, 20.4771

Tritanomaly

74.1840, -2.0627, 55.0896

Monochromacy



Original Color

72.7450, 13.9297, 58.9826

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.5110, 5.1711, 21.4769

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7450, 13.9297, 58.9826 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(140, 33, 101)` looks like.

```
.text, #text, p{  
    color:rgb(140, 33, 101)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(140, 33, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 33, 101) }
```

Border

The CSS property to change the border of an element to YUV 72.7450, 13.9297, 58.9826 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 33, 101) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(140, 33, 101) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(140, 33, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 33, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 33, 101);  
box-shadow:4px 4px 4px 4px rgb(140, 33,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 72.7450, 13.9297, 58.9826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 33, 101) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(140, 33,  
101) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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